

The Trail Inventory of Leavenworth NFH Leavenworth, WA



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Federal Highway Administration
Central Federal Lands Highway Division
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TABLE OF CONTENTS

| <u>SECTION</u> | <u>PAGE</u> |
|--|--------------------|
| I. <u>TRAIL AND TRAIL FEATURE SUMMARIES</u> | 1 - 1 |
| II. <u>TRAIL LOCATION MAPS</u> | 2 - 1 |
| III. <u>TRAIL IDENTIFICATION LIST</u> | 3 - 1 |
| IV. <u>TRAIL CONDITION RATING SHEETS</u> | 4 - 1 |
| V. <u>TRAIL DEFICIENCY RATING SHEETS</u> | 5 - 1 |
| VI. <u>PHOTOGRAPHIC SHEETS</u> | 6 - 1 |
| VII. <u>GLOSSARY</u> | i |

Leavenworth NFH

Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

| Trail Surface Type | Excellent | | Good | | Fair | | Very Poor | | Others | | Total |
|--------------------|-------------|------------|-------------|-----------|-------------|------------|-------------|------------|-------------|------------|-------------|
| | Miles | % | Miles | % | Miles | % | Miles | % | Miles | % | Miles |
| Native | 0.07 | 100% | 0.00 | 0% | 0.00 | 0% | 0.00 | 0% | 0.00 | 0% | 0.07 |
| Asphalt | 0.24 | 30% | 0.04 | 5% | 0.34 | 43% | 0.18 | 23% | 0.00 | 0% | 0.80 |
| Admin Road | 0.00 | 0% | 0.00 | 0% | 0.00 | 0% | 0.00 | 0% | 0.53 | 100% | 0.53 |
| Total | 0.31 | 22% | 0.04 | 3% | 0.34 | 24% | 0.18 | 13% | 0.53 | 38% | 1.40 |

Trail Miles and Percentages by Trail Classification and Condition

| Trail Classification | Excellent | | Good | | Fair | | Very Poor | | Others | | Total |
|----------------------|-------------|------------|-------------|-----------|-------------|------------|-------------|------------|-------------|------------|-------------|
| | Miles | % | Miles | % | Miles | % | Miles | % | Miles | % | Miles |
| TC3 | 0.07 | 100% | 0.00 | 0% | 0.00 | 0% | 0.00 | 0% | 0.00 | 0% | 0.07 |
| TC5 | 0.24 | 18% | 0.04 | 3% | 0.34 | 26% | 0.18 | 14% | 0.53 | 40% | 1.33 |
| Total | 0.31 | 22% | 0.04 | 3% | 0.34 | 24% | 0.18 | 13% | 0.53 | 38% | 1.40 |

*Admin Roads are included in the inventory but are not rated for condition.

Trail Features

| Trail Number | Feature Type | Quantity | Grouped Feature | Milepost | Photo |
|--------------|-----------------|----------|-----------------|----------|--------------|
| T500 | Sign | 1 | No | 0.00 | LEAV_C2_0010 |
| T500 | Sign | 1 | No | 0.00 | LEAV_C2_0943 |
| T500 | Sign | 10 | Yes | 0.00 | LEAV_C2_0944 |
| T500 | Trailhead | 1 | No | 0.00 | LEAV_C2_0013 |
| T500 | Sign | 2 | No | 0.00 | LEAV_C2_0012 |
| T500 | Sign | 1 | No | 0.00 | LEAV_C2_0942 |
| T500 | Sign | 9 | Yes | 0.01 | LEAV_C2_0014 |
| T500 | Sign | 10 | Yes | 0.02 | LEAV_C2_0946 |
| T500 | Crib: Rock -cf | 160 | No | 0.03 | LEAV_C2_0948 |
| T500 | Sign | 17 | Yes | 0.06 | LEAV_C2_0942 |
| T500 | Begin Section | 1 | No | 0.15 | LEAV_C2_0021 |
| T500 | Sign | 1 | No | 0.18 | LEAV_C2_0952 |
| T500 | Sign | 11 | Yes | 0.18 | LEAV_C2_0015 |
| T500 | Begin Section | 1 | No | 0.18 | LEAV_C2_0018 |
| T500 | Begin Section | 1 | No | 0.18 | LEAV_C2_0017 |
| T500 | Sign | 3 | Yes | 0.19 | LEAV_C2_0952 |
| T500 | Sign | 3 | Yes | 0.20 | LEAV_C2_0016 |
| T500 | Bench | 1 | No | 0.21 | LEAV_C2_0955 |
| T500 | Bench | 5 | Yes | 0.21 | |
| T500 | Lookout/Ob Deck | 1 | No | 0.22 | |
| T500 | Begin Section | 1 | No | 0.23 | LEAV_C2_0019 |
| T500 | Bench | 2 | No | 0.24 | LEAV_C2_0959 |
| T500 | Bench | 1 | No | 0.25 | LEAV_C2_0955 |
| T500 | Bench | 1 | No | 0.26 | LEAV_C2_0960 |

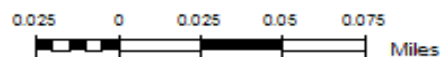
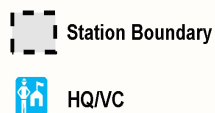
| | | | | | |
|------|-----------------|----|----|------|------------------|
| T500 | Lookout/Ob Deck | 1 | No | 0.26 | |
| T500 | Sign | 1 | No | 0.29 | LEAV_C2_095 8 |
| T500 | Begin Section | 1 | No | 0.32 | LEAV_C2_002 0 |
| T500 | Begin Section | 1 | No | 0.37 | LEAV_C2_002 4 |
| T500 | Sign | 1 | No | 0.40 | LEAV_C2_002 3 |
| T500 | Begin Section | 1 | No | 0.44 | |
| T500 | Begin Section | 1 | No | 0.50 | LEAV_C2_002 2 |
| T500 | Begin Section | 1 | No | 0.66 | LEAV_C2_002 5 |
| T500 | Sign | 3 | No | 0.97 | LEAV_C2_094 5 |
| T501 | Trailhead | 1 | No | 0.00 | LEAV_C2_096 4 |
| T501 | Sign | 1 | No | 0.00 | LEAV_C2_096 3 |
| T501 | Lookout/Ob Deck | 1 | No | 0.04 | LEAV_C2_096 2 |
| T501 | Step: Log -each | 20 | No | 0.04 | LEAV_C2_096 1 |

sf - square feet

lf - linear feet

cf - cubic feet

Leavenworth NFH Trail Location Map



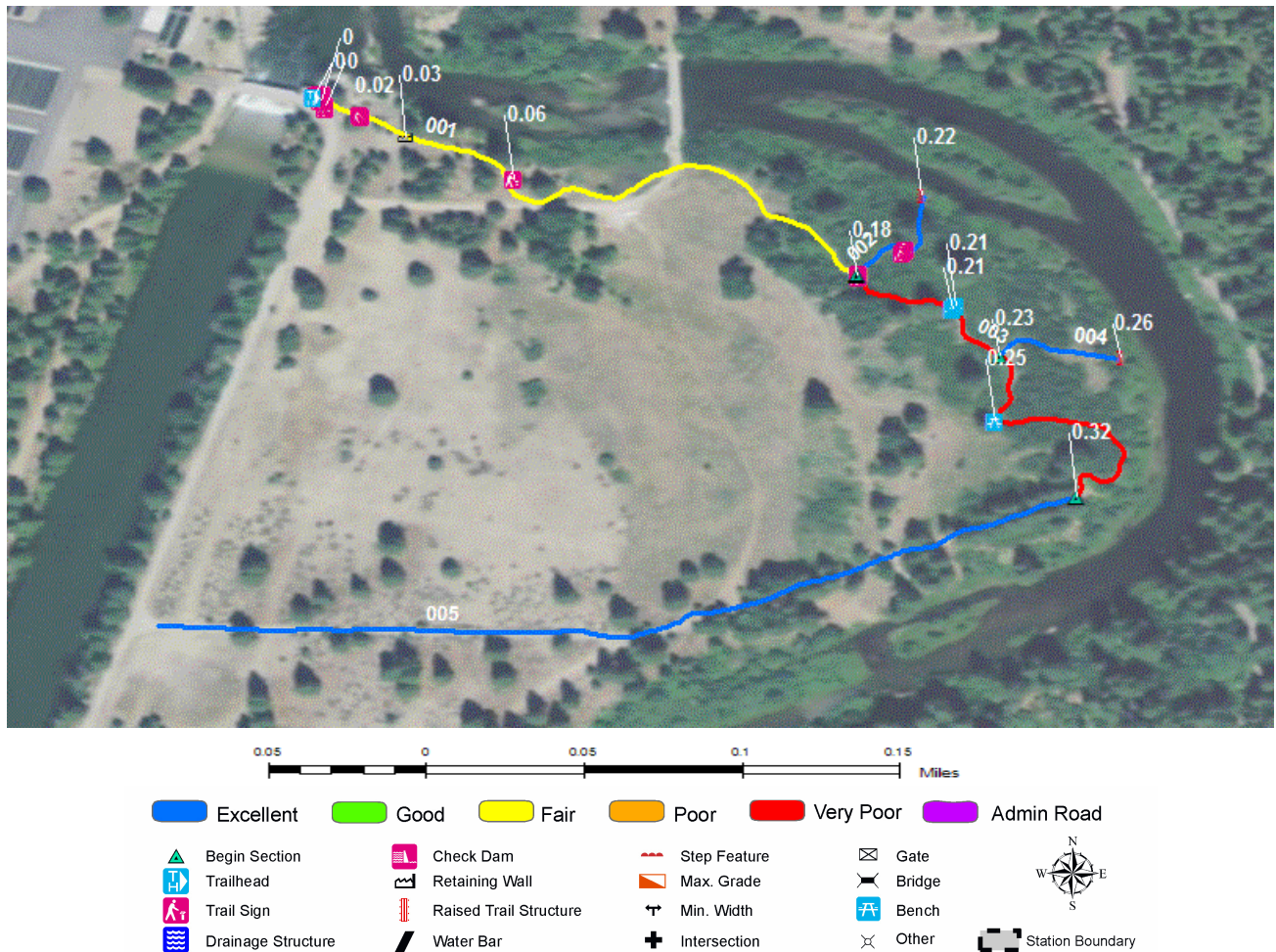
Trails ID

Station Name: Leavenworth NFH

Org Code: 13225

| Trail Number | Trail Name | Surface Type | SAMMS | Trail Mileage | Trail Description (Begin and End point of trail) |
|--------------|-----------------------------------|--------------|----------|---------------|---|
| T500 | Icicle Creek Nature Trail | Admin Road | 10048256 | 0.53 | From spillway bridge to end of loop |
| T500 | Icicle Creek Nature Trail | Asphalt | 10048256 | 0.76 | From spillway bridge to end of loop |
| T500 | Icicle Creek Nature Trail | Native | 10048256 | 0.07 | From spillway bridge to end of loop |
| T501 | Accessible Fishing Platform Trail | Asphalt | 10049747 | 0.04 | From Leavenworth Parking Lot to End of Boardwalk |

TRAIL CONDITION



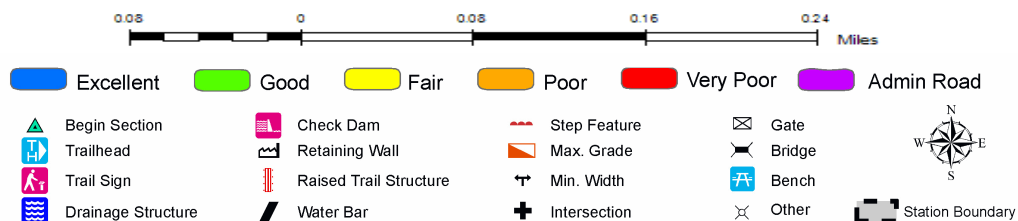
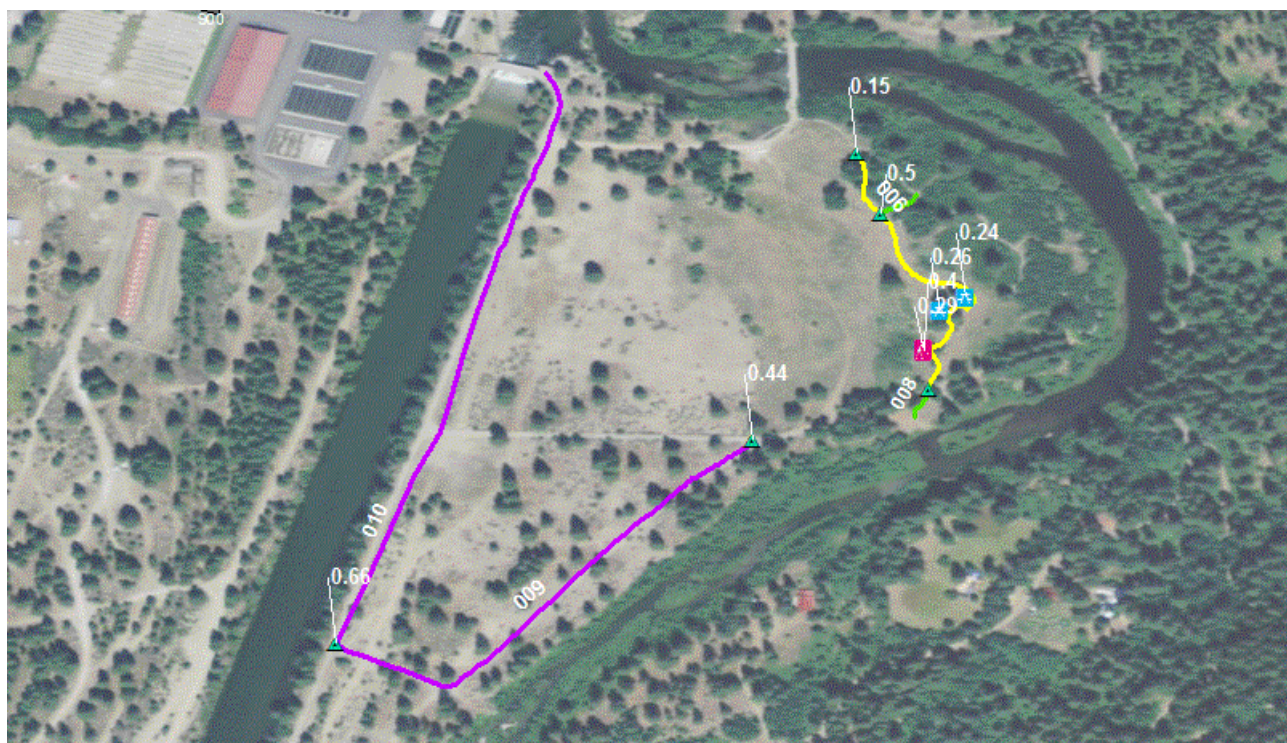
Trail Name: Icicle Creek Nature Trail
Trail Number: T500

Refuge Name: Leavenworth NFH
Region: 1

Total Length: 1.36 Miles

| Section Number | 001 | 002 | 003 | 004 | 005 |
|------------------------------------|------------|------------|------------|------------|------------|
| Section Length (miles) | 0.18 | 0.04 | 0.14 | 0.03 | 0.24 |
| SAMMS Number | 10048256 | 10048256 | 10048256 | 10048256 | 10048256 |
| Rating Date | 07/11/2007 | 07/11/2007 | 07/11/2007 | 07/11/2007 | 07/11/2007 |
| Trail Section Information | | | | | |
| Trail Class | TC5 | TC3 | TC5 | TC3 | TC5 |
| Surface Type | Asphalt | Native | Asphalt | Native | Asphalt |
| Surface Firmness | Paved | Firm | Paved | Firm | Paved |
| Width (inches) | 48 | 48 | 48 | 48 | 96 |
| Average Grade (%) | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| Average X-slope (%) | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| Trail Condition Information | | | | | |
| Deferred Maintenance | \$3,228 | | \$5,543 | | |
| CRV | \$28,225 | \$4,484 | \$21,952 | \$3,364 | \$75,260 |
| FCI | 0.08 | 0.00 | 0.25 | 0.00 | 0.00 |
| Condition | Fair | Excellent | Very Poor | Excellent | Excellent |

TRAIL CONDITION



Trail Name: Icicle Creek Nature Trail

Refuge Name: Leavenworth NFH

Trail Number: T500

Region: 1

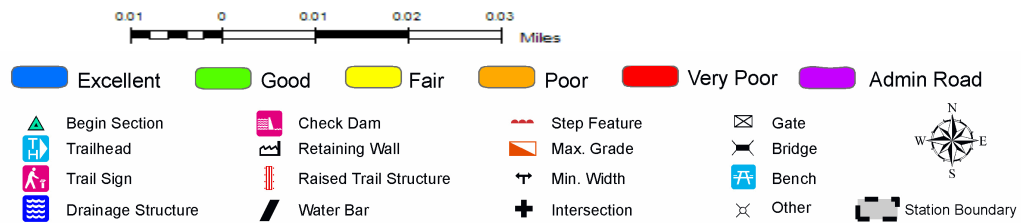
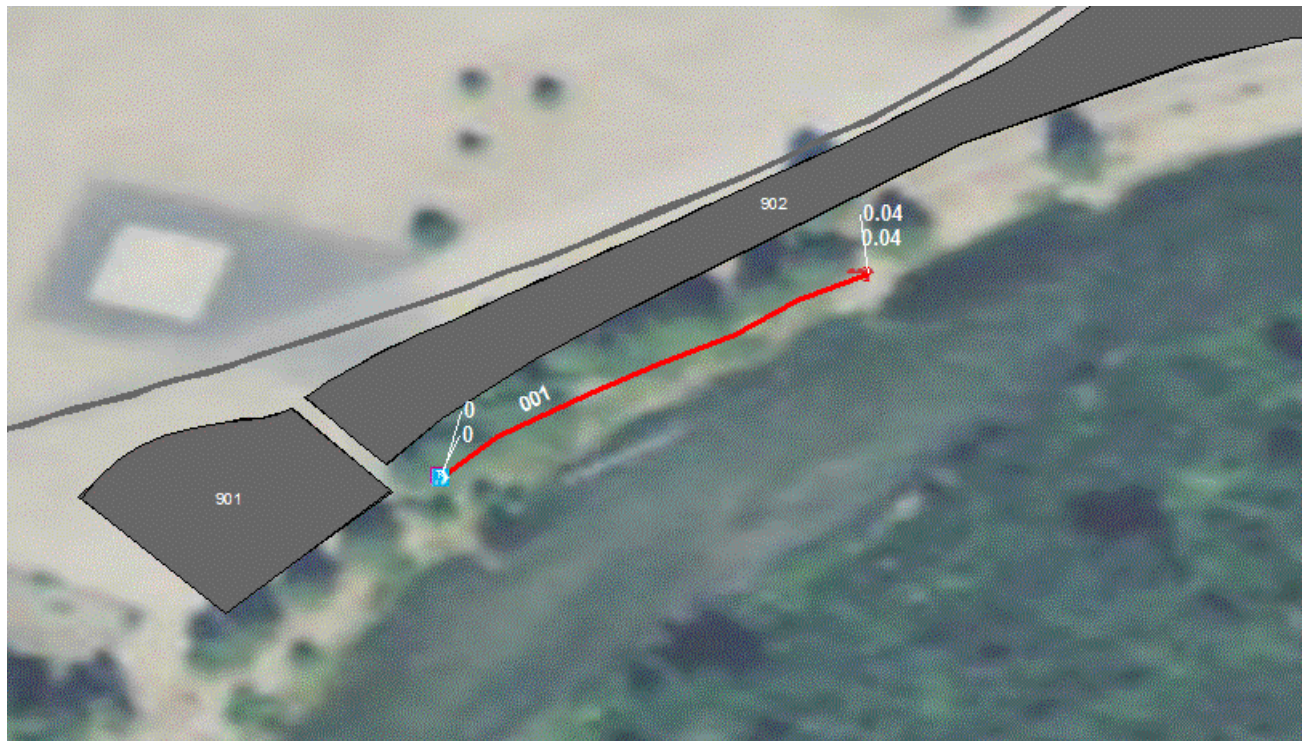
Total Length: 1.36 Miles

| Section Number | 006 | 007 | 008 | 009 | 010 |
|------------------------------------|------------|------------|------------|------------|------------|
| Section Length (miles) | 0.16 | 0.02 | 0.02 | 0.22 | 0.31 |
| SAMMS Number | 10048256 | 10048256 | 10048256 | 10048256 | 10048256 |
| Rating Date | 07/11/2007 | 07/11/2007 | 07/11/2007 | 07/11/2007 | 07/11/2007 |
| Trail Section Information | | | | | |
| Trail Class | TC5 | TC5 | TC5 | TC5 | TC5 |
| Surface Type | Asphalt | Asphalt | Asphalt | Admin Road | Admin Road |
| Surface Firmness | Paved | Paved | Paved | Firm | Paved |
| Width (inches) | 48 | 48 | 48 | 96 | 96 |
| Average Grade (%) | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| Average X-slope (%) | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| Trail Condition Information | | | | | |
| Deferred Maintenance | \$2,223 | \$124 | \$91 | | |
| CRV | \$25,084 | \$3,133 | \$3,133 | | |
| FCI | 0.09 | 0.04 | 0.03 | | |
| Condition | Fair | Good | Good | | |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|-----------|------|-----------|
| \$11,209 | \$164,635 | 0.06 | Fair |

TRAIL CONDITION



Trail Name: Accessible Fishing Platform Trail **Refuge Name:** Leavenworth NFH

Trail Number: T501

Region: 1

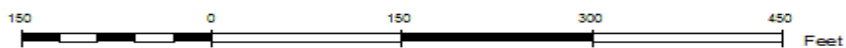
Total Length: 0.04 Miles

| | |
|------------------------------------|------------|
| Section Number | 001 |
| Section Length (miles) | 0.04 |
| SAMMS Number | 10049747 |
| Rating Date | 08/04/2011 |
| Trail Section Information | |
| Trail Class | TC5 |
| Surface Type | Asphalt |
| Surface Firmness | Firm |
| Width (inches) | 48 |
| Average Grade (%) | 6.0 |
| Average X-slope (%) | 2.40 |
| Trail Condition Information | |
| Deferred Maintenance | \$2,281 |
| CRV | \$6,273 |
| FCI | 0.26 |
| Condition | Very Poor |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|---------|------|-----------|
| \$2,281 | \$6,273 | 0.26 | Very Poor |

TRAIL DEFICIENCY



Trail Name: Icicle Creek Nature Trail

Refuge Name: Leavenworth NFH

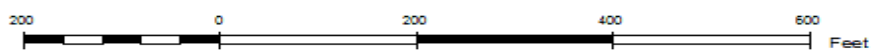
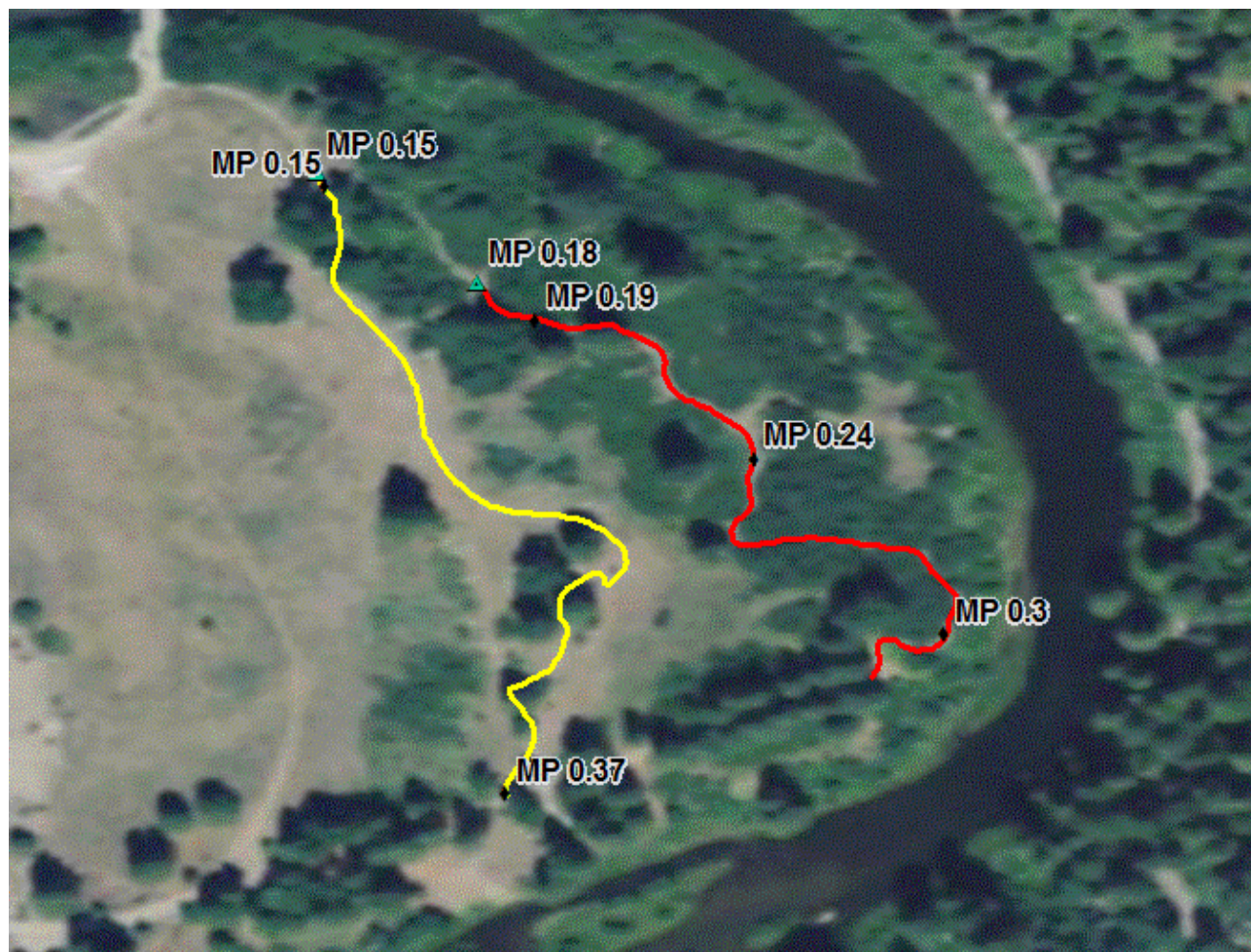
Trail Number: T500

Region: 1

Total Length: 1.36 Miles

| | | | | |
|----------------------|-----------------|-----------------|-----------------|-----------------|
| Mile Post | 0.02 | 0.10 | 0.14 | 0.17 |
| Section Number | 001 | 001 | 001 | 001 |
| Photo Number | LEAV_C2_0947 | LEAV_C2_0949 | LEAV_C2_0950 | LEAV_C2_0951 |
| Deficiency | Trail Structure | Trail Structure | Trail Structure | Trail Structure |
| Action | Repair | Repair | Repair | Repair |
| Item | Tread -sf | Tread -sf | Tread -sf | Tread -sf |
| Quantity | 52 | 160 | 100 | 500 |
| Deferred Maintenance | \$247 | \$647 | \$425 | \$1,910 |

TRAIL DEFICIENCY



Trail Name: Icicle Creek Nature Trail

Refuge Name: Leavenworth NFH

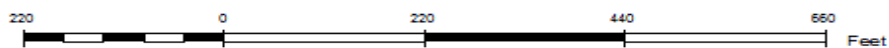
Trail Number: T500

Region: 1

Total Length: 1.36 Miles

| | | | | |
|----------------------|-----------------|-----------------|-----------------|-----------------|
| Mile Post | 0.15 | 0.19 | 0.24 | 0.30 |
| Section Number | 006 | 003 | 003 | 003 |
| Photo Number | LEAV_C2_0960 | LEAV_C2_0954 | LEAV_C2_0956 | LEAV_C2_0957 |
| Deficiency | Trail Structure | Trail Structure | Trail Structure | Trail Structure |
| Action | Repair | Repair | Repair | Repair |
| Item | Tread -sf | Tread -sf | Tread -sf | Tread -sf |
| Quantity | 400 | 250 | 400 | 800 |
| Deferred Maintenance | \$1,538 | \$982 | \$1,538 | \$3,023 |

TRAIL DEFICIENCY



Trail Name: Icicle Creek Nature Trail

Refuge Name: Leavenworth NFH

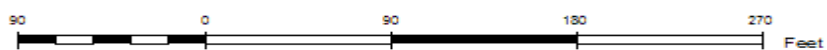
Trail Number: T500

Region: 1

Total Length: 1.36 Miles

| | | | |
|----------------------|-----------------|-----------------|-----------------|
| Mile Post | 0.37 | 0.37 | 0.50 |
| Section Number | 006 | 008 | 007 |
| Photo Number | LEAV_C2_0021 | LEAV_C2_0024 | LEAV_C2_0022 |
| Deficiency | Trail Structure | Trail Structure | Trail Structure |
| Action | Repair | Repair | Repair |
| Item | Tread -sf | Tread -sf | Tread -sf |
| Quantity | 170 | 10 | 19 |
| Deferred Maintenance | \$685 | \$91 | \$124 |

TRAIL DEFICIENCY



Trail Name: Accessible Fishing Platform Trail **Refuge Name:** Leavenworth NFH

Trail Number: T501

Region: 1

Total Length: 0.04 Miles

| | |
|----------------------|-----------------|
| Mile Post | 0.00 |
| Section Number | 001 |
| Photo Number | LEAV_C2_0965 |
| Deficiency | Trail Structure |
| Action | Repair |
| Item | Tread -sf |
| Quantity | 600 |
| Deferred Maintenance | \$2,281 |

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Leavenworth NFH
DATE: 08/04/2011



Photo # LEAV_C2_0942 - MP 0.00 - Sign

TRAIL NUMBER: T500
STATION: Leavenworth NFH
DATE: 08/04/2011



Photo # LEAV_C2_0943 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Leavenworth NFH
DATE: 08/04/2011



Photo # LEAV_C2_0944 - MP 0.00 - Sign

TRAIL NUMBER: T500
STATION: Leavenworth NFH
DATE: 07/11/2007



Photo # LEAV_C2_0010 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500

STATION: Leavenworth NFH

DATE: 07/11/2007



Photo # LEAV_C2_0012 - MP 0.00 - Sign

TRAIL NUMBER: T500

STATION: Leavenworth NFH

DATE: 07/11/2007



Photo # LEAV_C2_0013 - MP 0.00 - Trailhead

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500

STATION: Leavenworth NFH

DATE: 07/11/2007



Photo # LEAV_C2_0014 - MP 0.01 - Sign

TRAIL NUMBER: T500

STATION: Leavenworth NFH

DATE: 08/04/2011



Photo # LEAV_C2_0946 - MP 0.02 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Leavenworth NFH
DATE: 08/04/2011



Photo # LEAV_C2_0948 - MP 0.03 - Crib: Rock -cf

TRAIL NUMBER: T500
STATION: Leavenworth NFH
DATE: 08/04/2011



Photo # LEAV_C2_0942 - MP 0.06 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500

STATION: Leavenworth NFH

DATE: 08/04/2011



Photo # LEAV_C2_0945 - MP 0.97 - Sign

TRAIL NUMBER: T500

STATION: Leavenworth NFH

DATE: 08/04/2011



Photo # LEAV_C2_0952 - MP 0.18 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Leavenworth NFH
DATE: 07/11/2007



Photo # LEAV_C2_0017 - MP 0.18 - Begin Section

TRAIL NUMBER: T500
STATION: Leavenworth NFH
DATE: 08/04/2011



Photo # LEAV_C2_0952 - MP 0.19 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Leavenworth NFH
DATE: 07/11/2007



Photo # LEAV_C2_0016 - MP 0.20 - Sign

TRAIL NUMBER: T500
STATION: Leavenworth NFH
DATE: 07/11/2007



Photo # LEAV_C2_0015 - MP 0.18 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500

STATION: Leavenworth NFH

DATE: 07/11/2007



Photo # LEAV_C2_0018 - MP 0.18 - Begin Section

TRAIL NUMBER: T500

STATION: Leavenworth NFH

DATE: 08/04/2011



Photo # LEAV_C2_0955 - MP 0.21 - Bench

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500

STATION: Leavenworth NFH

DATE: 08/04/2011



Photo # LEAV_C2_0955 - MP 0.25 - Bench

TRAIL NUMBER: T500

STATION: Leavenworth NFH

DATE: 07/11/2007



Photo # LEAV_C2_0019 - MP 0.23 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500

STATION: Leavenworth NFH

DATE: 07/11/2007



Photo # LEAV_C2_0020 - MP 0.32 - Begin Section

TRAIL NUMBER: T500

STATION: Leavenworth NFH

DATE: 07/11/2007



Photo # LEAV_C2_0021 - MP 0.15 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Leavenworth NFH
DATE: 08/04/2011



Photo # LEAV_C2_0959 - MP 0.24 - Bench

TRAIL NUMBER: T500
STATION: Leavenworth NFH
DATE: 08/04/2011



Photo # LEAV_C2_0960 - MP 0.26 - Bench

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Leavenworth NFH
DATE: 08/04/2011



Photo # LEAV_C2_0958 - MP 0.29 - Sign

TRAIL NUMBER: T500
STATION: Leavenworth NFH
DATE: 07/11/2007



Photo # LEAV_C2_0023 - MP 0.40 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Leavenworth NFH
DATE: 07/11/2007



Photo # LEAV_C2_0022 - MP 0.50 - Begin Section

TRAIL NUMBER: T500
STATION: Leavenworth NFH
DATE: 07/11/2007



Photo # LEAV_C2_0024 - MP 0.37 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500

STATION: Leavenworth NFH

DATE: 07/11/2007



Photo # LEAV_C2_0025 - MP 0.66 - Begin Section

TRAIL NUMBER: T501

STATION: Leavenworth NFH

DATE: 08/04/2011



Photo # LEAV_C2_0963 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T501

STATION: Leavenworth NFH

DATE: 08/04/2011



Photo # LEAV_C2_0964 - MP 0.00 - Trailhead

TRAIL NUMBER: T501

STATION: Leavenworth NFH

DATE: 08/04/2011



Photo # LEAV_C2_0961 - MP 0.04 - Step: Log -each

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T501

STATION: Leavenworth NFH

DATE: 08/04/2011



Photo # LEAV_C2_0962 - MP 0.04 - Lookout/Ob Deck

Glossary of Terms and Abbreviations

| | |
|--|---|
| Acc Info | Accessibility information available at trailhead. |
| Action | Action required to correct deficiency. |
| Admin Road | Administration Road. Admin Roads signed and advertised as trails are included in the trail inventory but a condition assessment is NOT done. |
| Alt SAMMS | SAMMS number of Alternate Facility Type. |
| Alt Type | Alternate Facility Type. Trail lies on a feature such as a levee, dam, administrative road or bridge, which has a separate SAMMS number. |
| AvgGrade | The average grade of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles. |
| AvgSlope | The average cross-slope of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles. |
| Check Dam | A small dam constructed across a drainage ditch, swale, or channel to lower the speed of concentrated flows. |
| Condition | Subjective rating of trail based on Facility Condition Index (FCI): FCI \leq .01 = Excellent FCI .02 - .05 = Good FCI .06 - .10 = Fair FCI .11 - .20 = Poor FCI $>$.20 = Failed |
| Crib Wall | Retaining wall. |
| Current Replacement Value (CRV) | The value of an asset determined by the estimated cost of replacing it. |
| Def type | Deficiency Type: Trail Structure, Drainage, Erosion, Obstacle, Trail Location, Other. |
| Deferred Maintenance (DM) | Maintenance that was not performed when scheduled. |

| | |
|---|---|
| Elem ID | Unique identifier for each trail section: Org Code-Trail Number-Section Number. |
| Facility Condition Index (FCI) | DM/CRV |
| Grouped Features | Grouped features include non-unique signs (mileposts, interpretive signs, species identification, etc.), water bars, check dams, steps, drain and drainage dips. For any given grouped feature, a GPS point and photo are taken for the first occurrence only and the total number of features in the group are entered into the “quantity” field of the data dictionary. |
| Info Type | Type of accessibility information available at trailhead: brochure, sign or other. |
| Item | Item on which the “Action” (see above) will be performed. |
| Manage_Use | Managed use of the trail: HIKE, BIKE, NSPC (non-specified), PACK, POR (portage), SNOWSHOE, XSKI (cross-country ski), OTHER. |
| MP | Distance of a trail feature or deficiency from the Trailhead. |
| Puncheon | Log footbridge used in area of poor drainage. |
| Raised Trail Structure | Boardwalk, Turnpike, Puncheon. |
| T Class | Trail Class: I-V (see Appendix ? for trail class descriptions). |
| Tr Desig | Trail Designation: Standard (Std), National Historic Trail (NHT), National Recreation Trail (NRT), National Scenic Trail (NST). |
| Turnpike | Trail tread elevated with dirt, rock or other aggregate from parallel side ditches and held in place by logs. |